

ABSTRACT

A vacuum cleaning machine has a cannister with an inlet port and at least two outlet ports. At least two filters are disposed inside of the cannister, one in pneumatic communication through each of the outlet ports. At least two valves are disposed outside of the cannister. Each valve is in pneumatic communication between a vacuum source and an outlet port so as to permit air to be drawn by the vacuum source from the inlet port simultaneously through the filters. A controller operates the valves to switch the filters from the vacuum source to ambient air so as to permit ambient air to be sequentially intermittently drawn through corresponding valves and filters into the cannister. Preferably, the controller includes a timing mechanism for setting the delay time of the sequential valve operation and a timing mechanism for setting the intermittent time of connection of each filter to ambient air.